Question 1  Multiple Choice  (5 marks)

Identify the choice that best completes the statement or answers the question

1) The decimal equivalent of Binary number 11010 is:
   a) 26  b) 36  c) 16  d) 23

2) What does 10 (16) represent in decimal number system?
   a) 10  b) 16  c) 0A  d) 15

3) Convert the binary number 1001.0010 to decimal
   a) 90.125  b) 125  c) 9.125  d) 12.5

4) Say that you are using unsigned binary to represent integers with 6 bits. What range of integers can be represented?
   a) 0 to 64  b) 1 to 64  c) 1 to 128  d) 0 to 63

5) The octal number represented by the binary number 11011011.1012 is
   a) 673.5  b) 31311.21  c) 1BB  d) none of the above

GOOD LUCK